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OXALIS PILOSA (OXALIDACEAE) ADVENTIVE IN TEXAS

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ABSTRACT

Oxalis pilosa was observed and collected in a park in San Angelo, Texas (Tom Green Co.), in 1983, where it apparently was naturalized. The Texas locality is long-disjunct from the primary range of the species far to the west.

Continued study of *Oxalis* collections reveals the presence in Texas of *O. pilosa* Nutt. ex Torr. & A. Gray, a species not previously known to occur in the state. It is known only from this single collection, disjunct far to the east of its primary geographic range.

Voucher. **Texas**. Tom Green Co.: South San Angelo, dry sandy soil S of Southland Park, 14 Mar 1983, *Steen 12* (BRIT). Figures 1 and 2.

The native distribution of *Oxalis pilosa* is primarily in Arizona, southern California, and northwestern Mexico — it occurs as an adventive in peripheral localities in Nevada, New Mexico, Oregon, and Utah (Nesom 2009). In Mexico it occurs primarily in northwestern states (Baja California, Chihuahua, Coahuila, Durango, Sonora), with scattered localities to the east in Nuevo León.

Oxalis pilosa is characterized as a caulescent perennial arising from a ligneous or lignescent taproot. Stems are proximally lignescent, usually 2–8 from the base, decumbent to ascending, and sparsely to densely pilose, the hairs spreading, irregularly oriented to somewhat regularly deflexed, the longer 0.7–1.2 mm. It has been treated as an infraspecific entity within *O. albicans*, but the two are sympatric in the southwestern USA and although each is variable, there appear to be relatively few unequivocal intermediates.

1. Stems sparsely to densely pilose, hairs spreading, irregularly oriented to somewhat regularly deflexed, longer hairs mostly 0.7–1.2 mm; midstem stipules with very narrow, free margins ..... **Oxalis pilosa**
1. Stems puberulent to hirsutulous-puberulent, hairs usually upcurved or crisped, sometimes straighter, longer hairs 0.2–0.3(–0.8) mm; midstem stipules obsolescent or with very narrow, free margins ..... **Oxalis albicans**

Oxalis albicans subsp. *pilosa* (Nutt. ex Torr. & A. Gray) Eiten
Oxalis corniculata subsp. *pilosa* (Nutt. ex Torr. & A. Gray) Lourteig
Oxalis corniculata var. *pilosa* (Nutt. ex Torr. & A. Gray) B.L. Turner
Oxalis wrightii A. Gray var. *pilosa* (Nutt. ex Torr. & A. Gray) Wieg.

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LITERATURE CITED

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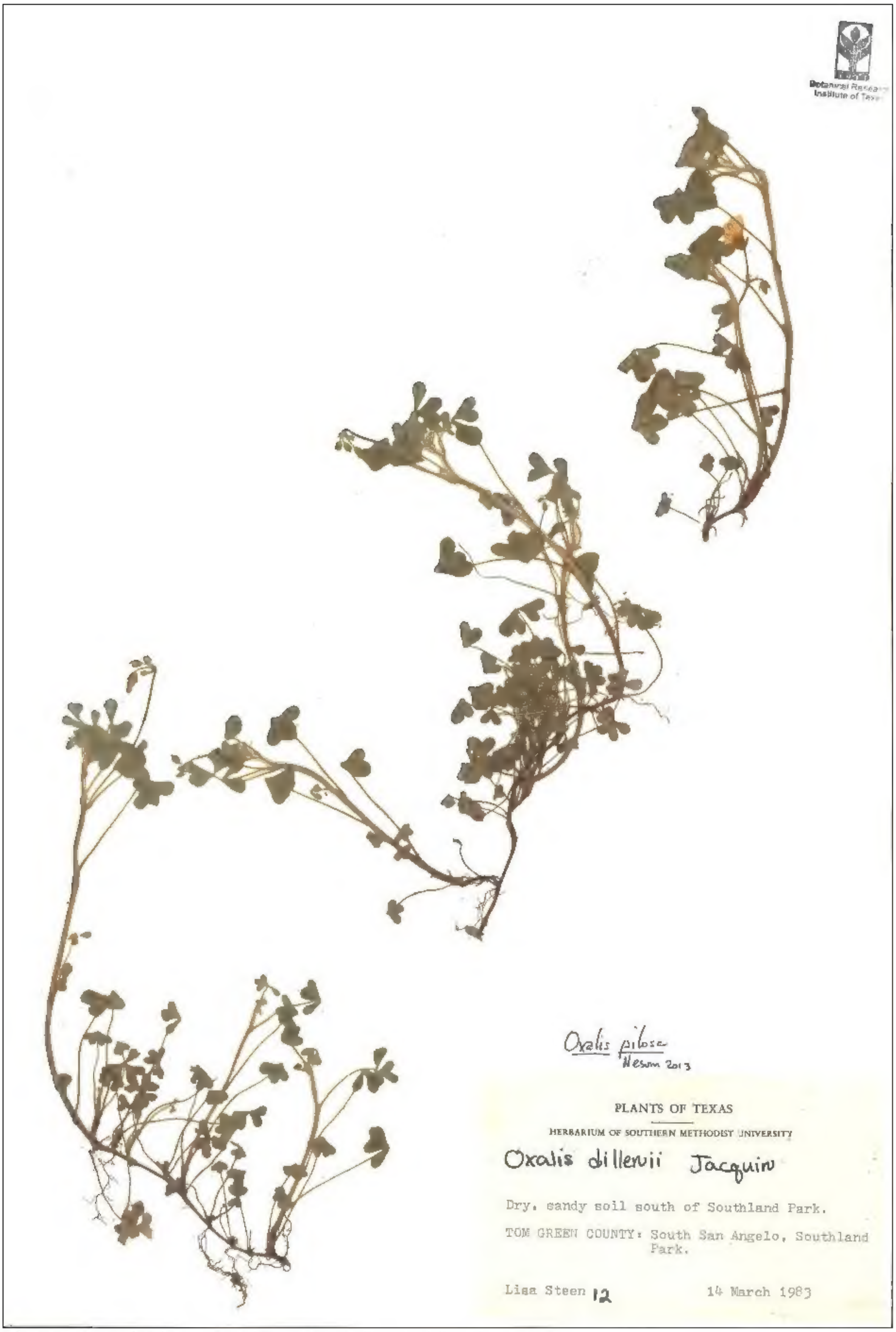

Figure 1. *Oxalis pilosa* from Tom Green County, Texas.

Figure 2. Densely deflexed-pilose cauline vestiture of *Oxalis pilosa* from Tom Green Co., Texas.